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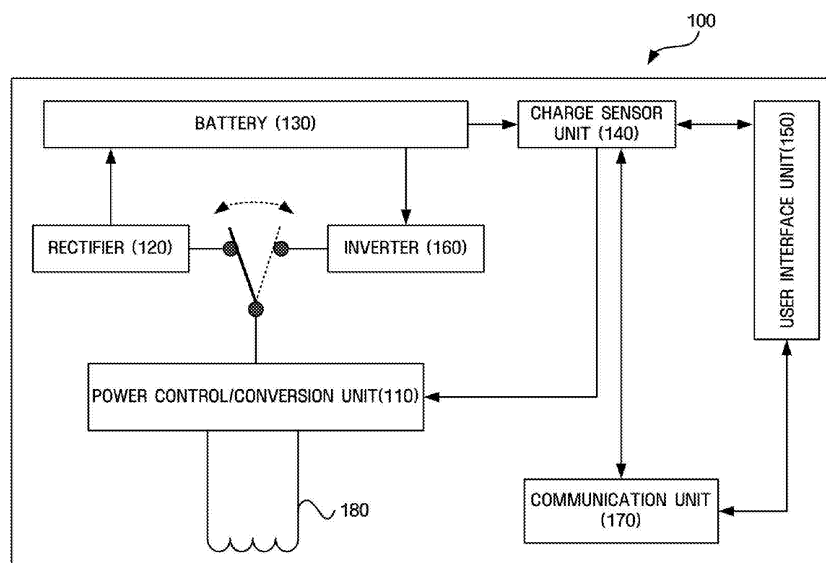
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(54) **APPARATUS AND METHOD OF WIRELESSLY SHARING ENERGY BY AN INDUCTIVE METHOD**

(57) An apparatus (100, 101, 102, 103, 104, 106) and method of wirelessly sharing power by an inductive method are provided. The apparatus includes a first battery (130, 131, 132, 133, 134, 136) supplying power; a rectifier (120, 121, 122, 123, 124, 126) supplied with an AC voltage, converts the AC voltage into a DC voltage, and outputs the DC voltage; an inverter supplied with the DC voltage, converts the DC voltage into the AC voltage, and

outputs the AC voltage; a power control/conversion unit (110, 111, 112, 113, 114, 116) connected to the rectifier or the inverter and supplying power to charge the first battery or a second battery that is provided in an external device as a power supply for the first battery; and a communication unit (170, 171, 172, 173, 174, 176) communicating with the external device.

FIG. 3





EUROPEAN SEARCH REPORT

Application Number
EP 15 17 2125

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			TECHNICAL FIELDS SEARCHED (IPC)
			H02J
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 21 October 2015	Examiner Heusler, Nikolaus
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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